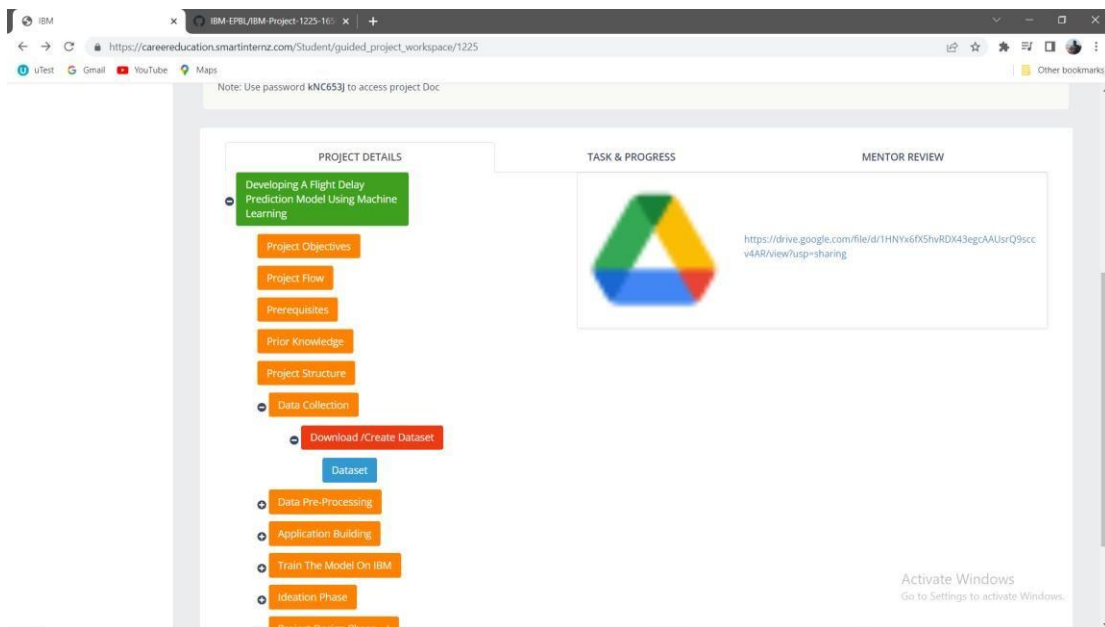


# DEVELOPING A FLIGHT DELAY PREDCITION MODEL USING MACHINE LEARNING

**TEAM LEADER** : AKSHAYA S  
**TEAM MEMBER 1** : DHANISHA R M  
**TEAM MEMBER 2** : JAYASREE M  
**TEAM MEMBER 3** : POOJA B

**DOWNLOAD DATASET :**



The screenshot shows a Google Drive file viewer displaying the "flightdata.csv" dataset. The browser address bar shows the URL: <https://drive.google.com/file/d/1HNx6fXShvRDx43egcAAUxRQ9scv4AR/view>. The dataset is a CSV file with the following columns: YEAR, QUARTER, MONTH, DAY\_OF\_MONTH, DAY\_OF\_WEEK, UNIQUE\_CARRIER, TAIL\_NUM, FL\_NUM, ORIGIN\_AIRPORT\_ID, ORIGIN, DEST\_AIRPORT\_ID, DEST, CRS\_DEP\_TIME, DEP\_TIME, and DEP\_DELAY. The data spans from 2016 to 2021, covering various flight routes and carriers.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	YEAR	QUARTER	MONTH	DAY_OF_MONTH	DAY_OF_WEEK	UNIQUE_CARRIER	TAIL_NUM	FL_NUM	ORIGIN_AIRPORT_ID	ORIGIN	DEST_AIRPORT_ID	DEST	CRS_DEP_TIME	DEP_TIME	DEP_DELAY
1															
2	2016	1	1	1	1	5 DL	N836DN	1399	10397	ATL	14747	SEA	1905	1907	
3	2016	1	1	1	1	5 DL	N864DN	1476	11433	DTW	13487	MSP	1345	1344	
4	2016	1	1	1	1	5 DL	N813DN	1597	10397	ATL	14747	SEA	940	942	
5	2016	1	1	1	1	5 DL	N87NW	1768	14747	SEA	13487	MSP	819	820	
6	2016	1	1	1	1	5 DL	N836DN	1823	14747	SEA	11433	DTW	2300	2256	
7	2016	1	1	1	1	5 DL	N836DL	1975	13487	MSP	10397	ATL	1129	1127	
8	2016	1	1	1	2	6 DL	N883DL	2074	10397	ATL	13487	MSP	1745	1745	
9	2016	1	1	1	2	6 DL	N599NW	2151	13487	MSP	14747	SEA	1740	1751	
10	2016	1	1	1	2	6 DL	N804DN	2221	13487	MSP	14747	SEA	1115	1115	
11	2016	1	1	1	2	6 DL	N855DN	2291	13487	MSP	10397	ATL	1430	1443	
12	2016	1	1	1	2	6 DL	N703TW	2350	10397	ATL	12478	JKF	825	828	
13	2016	1	1	1	2	6 DL	N599US	2444	10397	ATL	14747	SEA	1345	1355	
14	2016	1	1	1	2	6 DL	N599DL	2610	10397	ATL	13487	MSP	725	721	
15	2016	1	1	1	2	6 DL	N529NW	2826	11433	DTW	14747	SEA	635	641	
16	2016	1	1	1	2	6 DL	N820DE	2845	11433	DTW	10397	ATL	1624	1622	
17	2016	1	1	1	3	7 DL	N860AT	86	13487	MSP	11433	DTW	1345	1337	
18	2016	1	1	1	3	7 DL	N373J	423	12478	JKF	10397	ATL	1300	1258	
19	2016	1	1	1	2	6 DL	N592NW	1823	11433	DTW	14747	SEA	1728	1724	
20	2016	1	1	1	2	6 DL	N833DN	1972	14747	SEA	12478	JKF	715	715	
21	2016	1	1	1	2	6 DL	N888DL	2005	10397	ATL	11433	DTW	725	723	
22	2016	1	1	1	2	6 DL	N824NW	2039	10397	ATL	14747	SEA	824	847	
23	2016	1	1	1	3	7 DL	N830DL	802	10397	ATL	11433	DTW	1456	1454	
24	2016	1	1	1	3	7 DL	N591NW	897	13487	MSP	11433	DTW	833	832	
25	2016	1	1	1	3	7 DL	N837DN	1108	13487	MSP	10397	ATL	1508	1510	
26	2016	1	1	1	3	7 DL	N881DA	1231	11433	DTW	13487	MSP	1340	1339	
27	2016	1	1	1	3	7 DL	N538US	1291	14747	SEA	10397	ATL	745	750	
28	2016	1	1	1	3	7 DL	N596NW	1387	13487	MSP	14747	SEA	1440	1439	
29	2016	1	1	1	3	7 DL	N369NB	444	11433	DTW	10397	ATL	2020	2021	